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(54) Title: FE(O)-BASED BIOREMEDIATION OF AQUIFERS CONTAMINATED WITH MIXED WASTES			
(57) Abstract Disclosed are methods, devices and apparatus for bioremediation of mixed waste aquifers, based on a synergistic combination of reductive treatment using zero-valent iron and anaerobic biotransformations. Also disclosed are methods for <i>in situ</i> and <i>ex situ</i> remediation of groundwater and wastewater <i>via</i> these iron-bacterial compositions in a variety of devices including batch reactors, permeable and semipermeable reactive barriers, flow-through reactors, fluidized bed reactors, and sediment tanks.			